Strack Excavating L.L.C.
5120 State Hwy. 74
Cape Girardeau, MO 63701
573-335-9430

July 26, 2010

Missouri Dept. of Natural Resources
Air Pollution Control Program
PO Box 176
Jefferson City, MO 65102

Dear Sir,

I am applying for a construction permit for the mining of limestone, crushing, screening, and hauling operations by Jackson, Missouri.

Enclosed is a check for $100.00 and two copies of my "Application for Authority to Construct".

I am also enclosing a letter requesting a pre-construction waiver. Please expedite this request and permit application as I presently have customers for this product.

Sincerely,

Jo W. Strack

Project Description and Comments

Strack Excavating L.L.C. is proposing to install a quarrying operation at County Road 601 in Cape Girardeau County between Jackson and Fruitland, Missouri. Refer to the attached map as the property presently doesn't have a street number.

The equipment involved in this activity include the following:

A. One 650 TPH Pan feeder
B. One 650 TPH Crusher
C. One 650 TPH Triple-deck screen
D. One 400 TPH Cone crusher
E. One 400 TPH Triple-deck screen
F. One 950 KWH Diesel generator
G. Ten conveyors total of 650 TPH
G. Six load-out bens total of 650 TPH
H. Storage piles, unpaved roadways, material handling will be by front-end loaders and haul trucks.

The aggregate has an average moisture content of 1.5 to 2.0%. In addition, the crusher will have water spray controls to deduce visible emissions to less than 15% opacity required by CFR 40, Part 60, Subpart OOO; New Source Performance Standards.

The shot rock at the face will be loaded into 55 ton haul trucks with a front-end loader. The truck will dump in front of the pan feeder and a front-end loader will then feed the rock onto the pan feeder. The pan feeder will control the rate of rock being feed into the primary crusher.

The crusher discharge will move by conveyor to a triple-deck screen (8' X 20'). Water from the crusher will be carried over on the aggregate so emissions will meet the 10% opacity limit specified in the NSPS. If needed, additional water will be sprayed on the feed material to the screen. The aggregate will be separated into three sizes and conveyed to load-out bins for loading into a truck for transport to stockpiles. The screen oversize will be conveyed to the cone crusher that is the secondary crusher.

The cone crusher discharge will be conveyed to the second triple-deck screen (8' X 20'). Water from the cone crusher will be carried over on the aggregate so emissions will meet the 10% opacity limit specified in the NSPS. If needed, additional water will be sprayed on the feed material to the screen. The aggregate will be separated into three sizes and conveyed to load-out bins for loading into a truck for transport to stockpiles. The screen oversize will be conveyed back to the cone crusher for additional crushing.

To reduce fugitive emissions, additional water spray nozzles will be located on the conveyor belts. The height of the load-out bins will be engineered to reduce the drop height.

The roadways will be unpaved with a compacted gravel base. A watering truck will be used as needed to water the roads to reduce fugitive emissions. A 10 MPH speed limit will be posted and resurfacing will be performed on an "as needed" basis. A loader will be used to load finished product into trucks (Strack's and customers) for delivery.

A 950 KWH Diesel generator will be used to power the equipment. The diesel fuel used will be of low sulfur content.

Emission factors from USEPA's AP-42 were used to determine potential emissions. Potential emissions were calculated as uncontrolled and controlled. A moisture content of 1.5% of more allows the use of controlled emission factors to determine the PTE. A summery of the PTE totals follow.

Quarry Equipment

Source ID		Uncontrolled PM_{10}	Controlled PM_{10}
EP-01	Crusher (primary)	6.83 TPY	1.65 TPY
EP-02	Screen	42.70 TPY	2.41 TPY
EP-03	Crusher (secondary)	4.20 TPY	1.05 TPY
EP-04	Screen (secondary)	26.28 TPY	1.49 TPY
EP-05	Conveyors (total)	3.99 TPY	0.13 TPY
EP-06	Truck loading	0.28 TPY	0.28 TPY
EP-06	Truck unloading	0.05 TPY	0.05 TPY
EP-06	Agg. handling & storage	7.85 TPY	2.18 TPY
EP-07	Roadways	23.54 TPY	1.64 TPY
	Total	115.72 TPY	Total 10.88 TPY

		Uncontrolled SO_x	Controlled SO_x
EP-08	Generator	0.32 TPY	0.32 TPY

Toxic - Hazardous Air Pollutants

The only toxic emissions will come from the combustion of low sulfur diesel fuel in the engine driving the generator. The generator location and diesel engine exhaust stack will be designed to vent all gasses away from any work areas. Regular maintenance will be preformed to obtain minimum emissions.

MO

APCP USE ONLY	
CHECK NO.: 13229	CHECK RECD: 7.29.10
CHECK AMOUNT: $100.00	CHECK DATE: 7.26.10
PROJECT NUMBER: 2010-07057	

MISSOURI DEPARTMENT OF NATURAL RESOURCES
AIR POLLUTION CONTROL PROGRAM
APPLICATION FOR AUTHORITY TO CONSTRUCT

0310124

All Applications Must be Accompanied by a **$100** Filing Fee, Except for Those Applying for Permit Amendments. Processing Fees at the Rate currently charged by the APCP will be Assessed at the End of the Review (unless no permit is required).

1.) INSTALLATION NAME
STRACK EXCAVATING, L.L.C.

2) INSTALLATION STREET ADDRESS
COUNTY ROAD 601

3.) INSTALLATION MAILING ADDRESS
5120 STATE HIGHWAY 74, CAPE GIRARDEAU, MO 63701

4.) INSTALLATION CITY	STATE	ZIP CODE
JACKSON	MO	63755

5.) COUNTY	6.) 1/4, OF	1/4, OF	SECTION	TOWNSHIP	RANGE
CAPE GIRARDEAU			20	32N	13E

7.) FINAL PRODUCT / PRINCIPLE ACTIVITY	8.) SIC CODE
CRUSHED STONE	1429

9.) PARENT COMPANY
STRACK EXCAVATING, L.L.C.

10.) PARENT COMPANY MAILING ADDRESS
5120 STATE HWY 74

11.) PARENT COMPANY CITY	STATE	ZIP CODE
CAPE GIRARDEAU	MO	63701

12.) CONTACT PERSON	CONTACT PERSON'S TITLE
JO W. STRACK (Mr.)	OWNER

13.) CONTACT PERSON'S MAILING ADDRESS
5120 STATE HWY 74

14.) CONTACT PERSON'S CITY	STATE	ZIP CODE
CAPE GIRARDEAU	MO	63701

15.) CONTACT PERSON'S TELEPHONE NUMBER	16.) CONTACT PERSON'S FAX NUMBER
573-335-9430	573-334-0899

17.) CONTACT PERSON'S EMAIL ADDRESS
JWSTRACK@LDD.NET

18.) UNIFIED REVIEW
Yes ☐ No ☐

RECEIVED
2010 JUL 29 AM 11:38
AIR POLLUTION CONTROL PGM

19.) THIS APPLICATION IS FOR

Modification or Addition to an Existing Installation New Installation ☐ New Installation ☒
Amendment to Existing Permit: Permit No. _____ Temporary / Pilot Plant ☐

20.) FIPS COUNTY ID NUMBER	21.) PLANT ID NUMBER
31	

22.) PROJECTED DATE TO COMMENCE CONSTRUCTION	23.) PROJECTED DATE OF OPERATION STARTUP
8/15/10	10/31/10

APPLICANT'S CERTIFICATION STATEMENT: I certify that I have personally examined and am familiar with the information in this application and believe that the information submitted is accurate and complete. I am aware that making a false statement or misrepresentation in this application is grounds for denying or revoking the construction permit. I may also be guilty of a misdemeanor and upon conviction, may be punished by fine or imprisonment.

SIGNATURE OF RESPONSIBLE OFFICIAL	DATE
	7/26/10

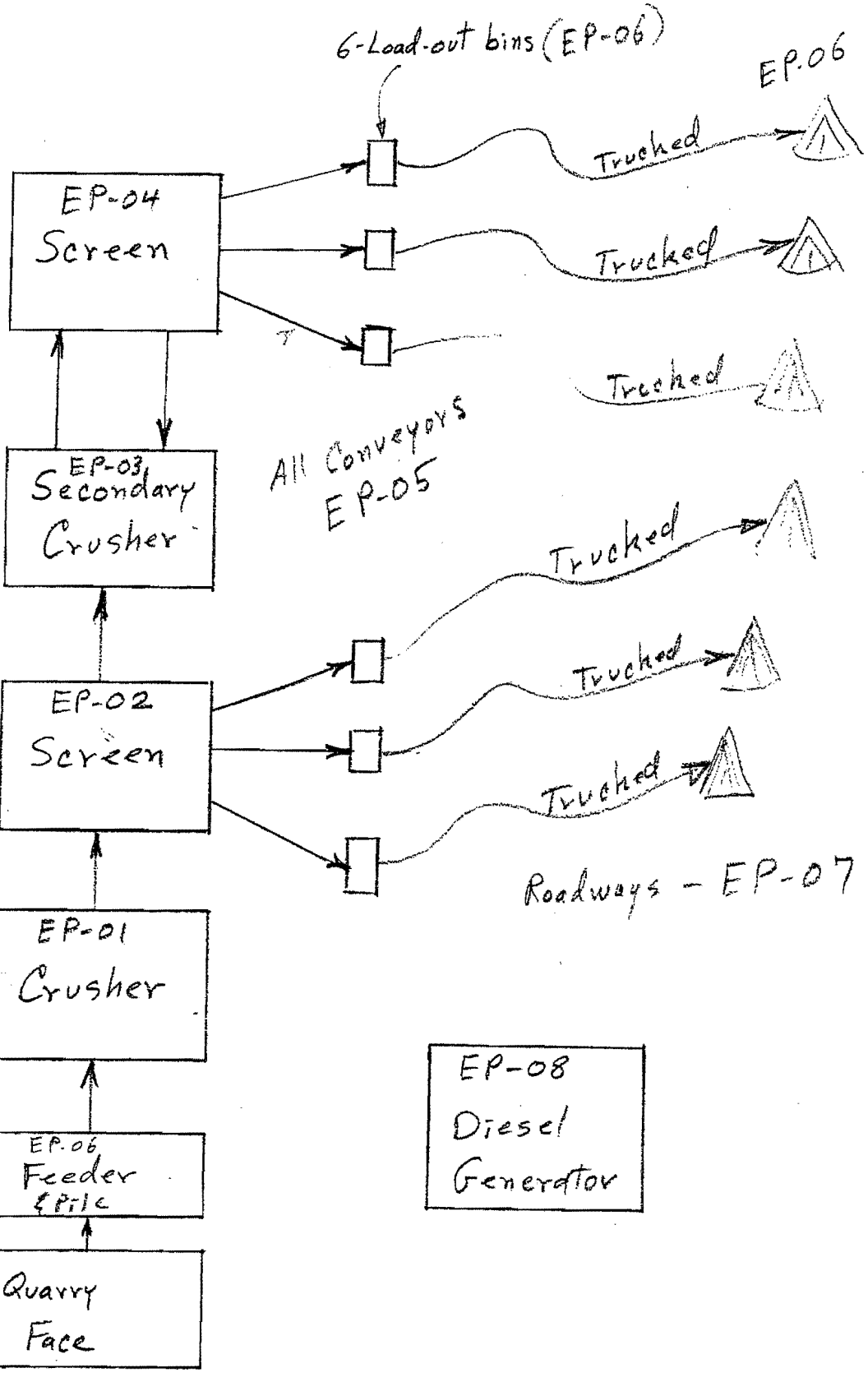
TYPE OR PRINT NAME OF RESPONSIBLE OFFICIAL	RESPONSIBLE OFFICIAL'S TELEPHONE NUMBER
JO W. STRACK (Mr.)	573-335-9430

OFFICIAL TITLE OF RESPONSIBLE OFFICIAL
OWNER

Form 1.1 Process Flow Diagram for Facility According to Proposed Application

INSTALLATION NAME (A.)	FIPS COUNTY NO. (B.)	PLANT NO. (C.)
Strack Excavating L.L.C.	031	

For a new installation, show the entire installation. For an addition to an existing installation, show only the new processes/equipment/emission points and begin the ID numbering where the existing EIQ emission point numbers leave off. If the application is for a modification or an addition to an existing emission point or unit, show the upstream and downstream point(s) or the equipment that this modification will affect.



Form 1.2 Summary of Emission Points Affected by this Application (duplicate this form as needed)

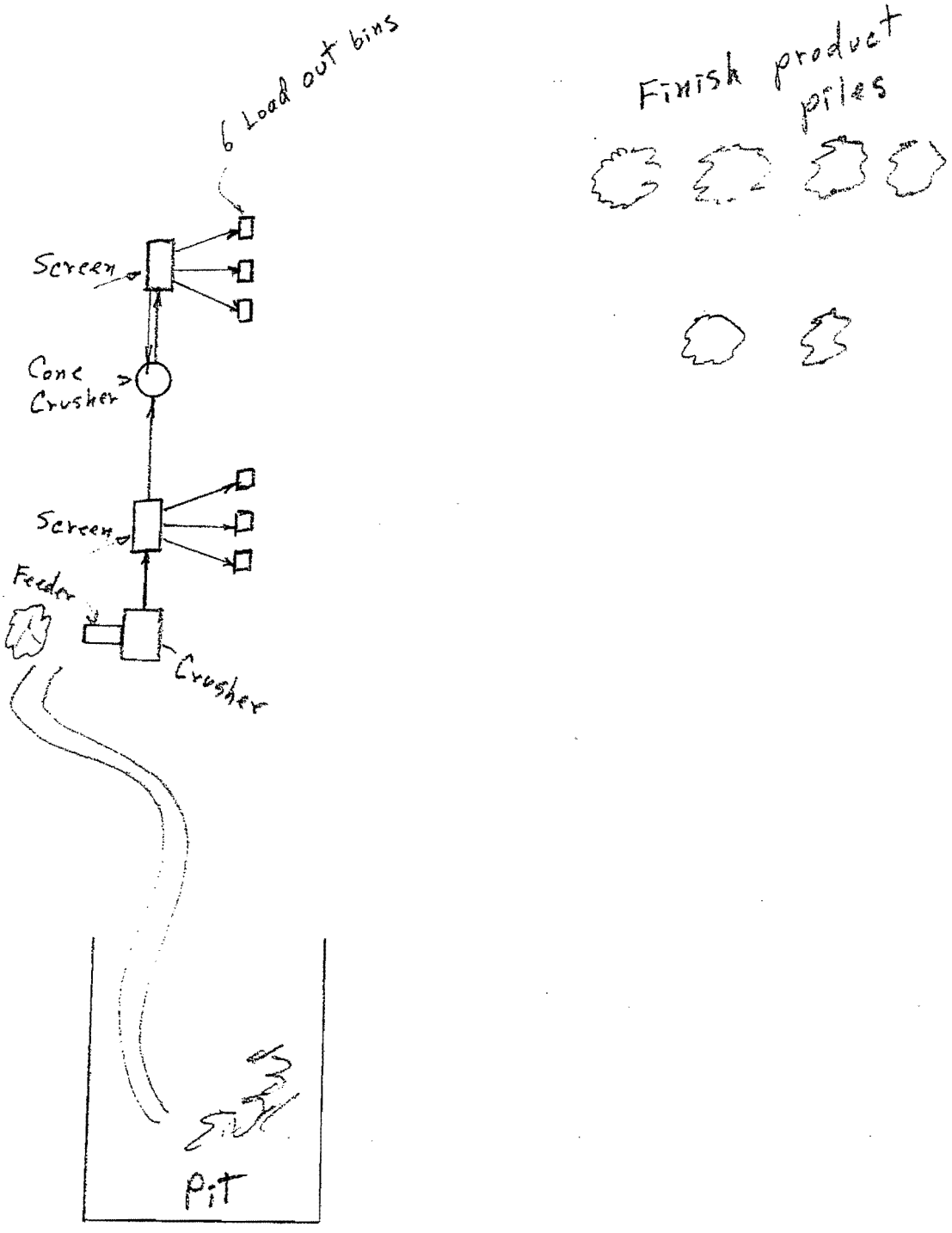
INSTALLATION NAME (A.)	FIPS COUNTY NO B.)	PLANT NO. (C.)
STRACK EXCAVATING L.L.C.	031	

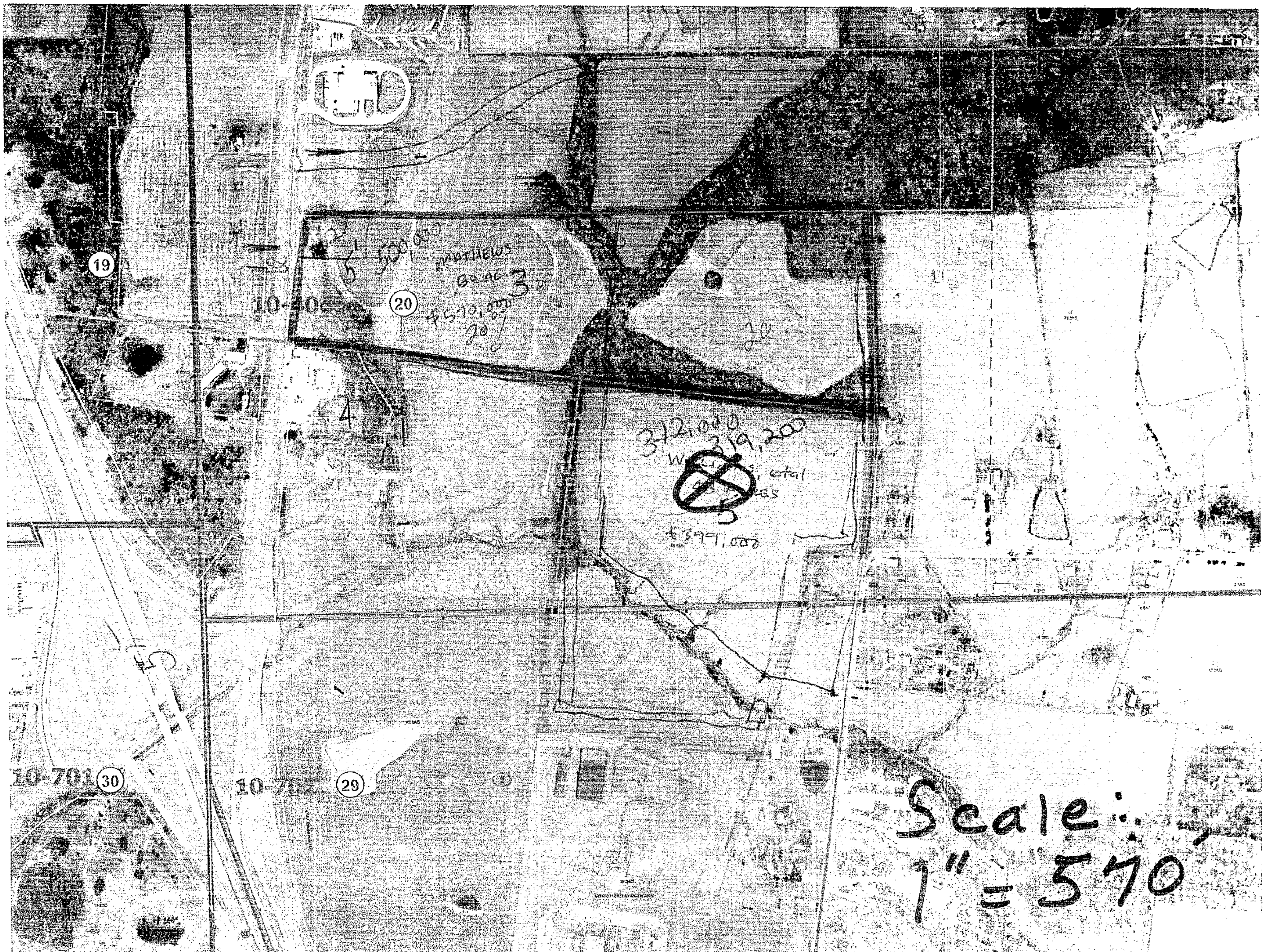
POINT NO. (I.E. EP-01, EP-02, ETC.) (D.)	POINT DESCRIPTION (USE same description on FORM 2.0) (E.)	REFERENCE WORKSHEET(S) FORM NUMBERS USED WITH FORM 2.0 (F.)
EP-01	650 TPR CRUSHER	
EP-02	650 TPH TRIPLE DECK SCREEN (8'X20')	
EP-03	400 TPH SECONDARY CRUSHER	
EP-04	400 TPH TRIPLE DECK SCREEN (8'X20')	
EP-05	CONCEYORS (TOTAL OF 10)	
EP-06	AGGREGATE HANDLING & STORAGE PILES	2.8
EP-07	GRAVEL BASE HAUL ROADS	2.7
EP-08	DIESEL ENGINE POWERED GENERATOR	2.1

Form 1.3 Plant Layout Diagram

INSTALLATION NAME (A.)	FIPS COUNTY NO.(B.)	PLANT NO. (C.)
Strack Excavating L.L.C.	031	

Please use this page or a separate sheet to provide a Plant Layout Diagram.
Refer to the Permits Instruction Packet for details.




19
10-400
20
500,000
MATTHEWS
60 ac
3
$570,000
20
4
372,000
319,200
etal
$399,000
10-701
30
10-702
29
Scale:
1" = 570'

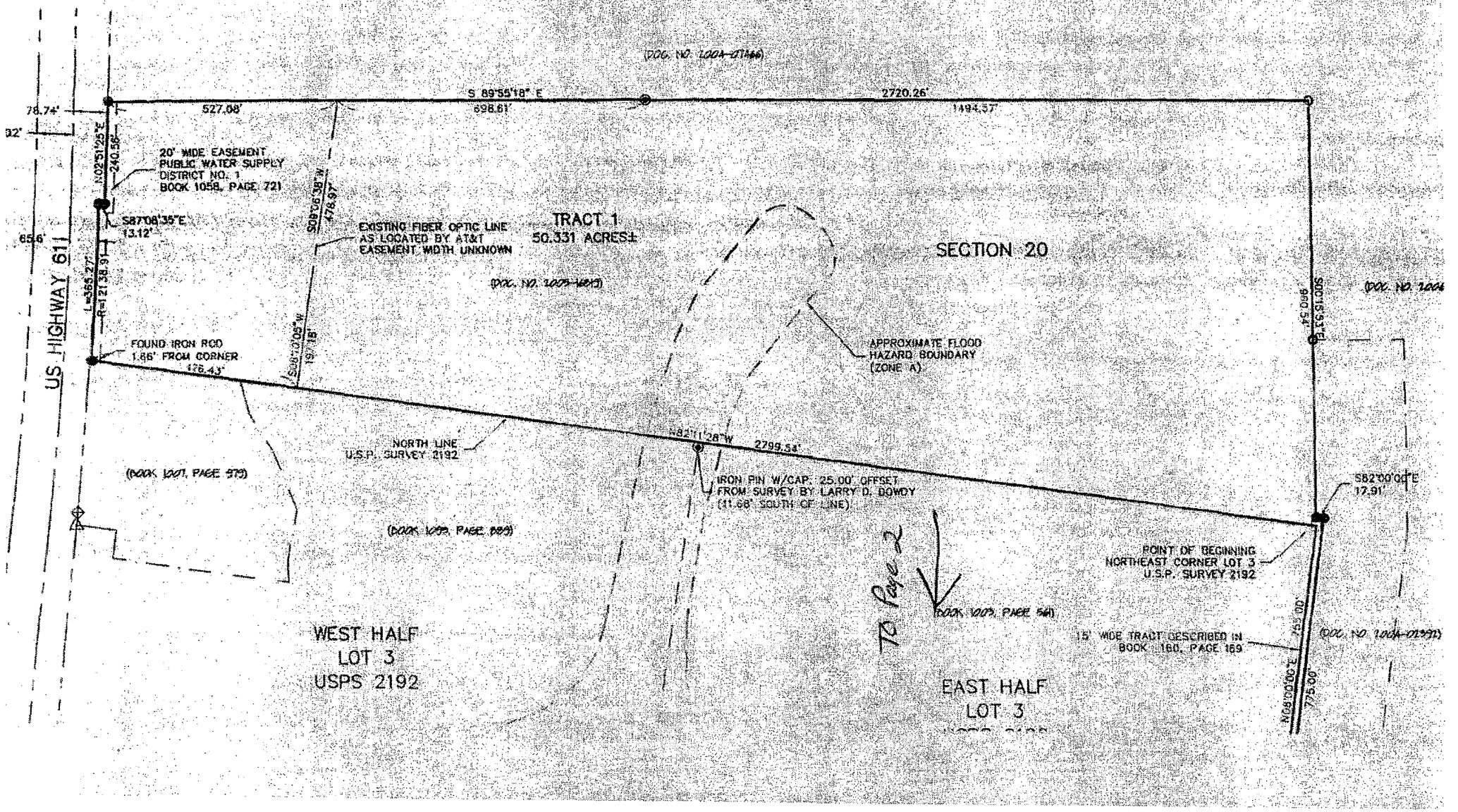
Safe Harbor
Animal Sanctuary
Mohican Ln
61
Computer Dr
Co Rd 601
Co Rd 601
Co Rd 601
Chippewa Ln
37.42980,-89.62179
55

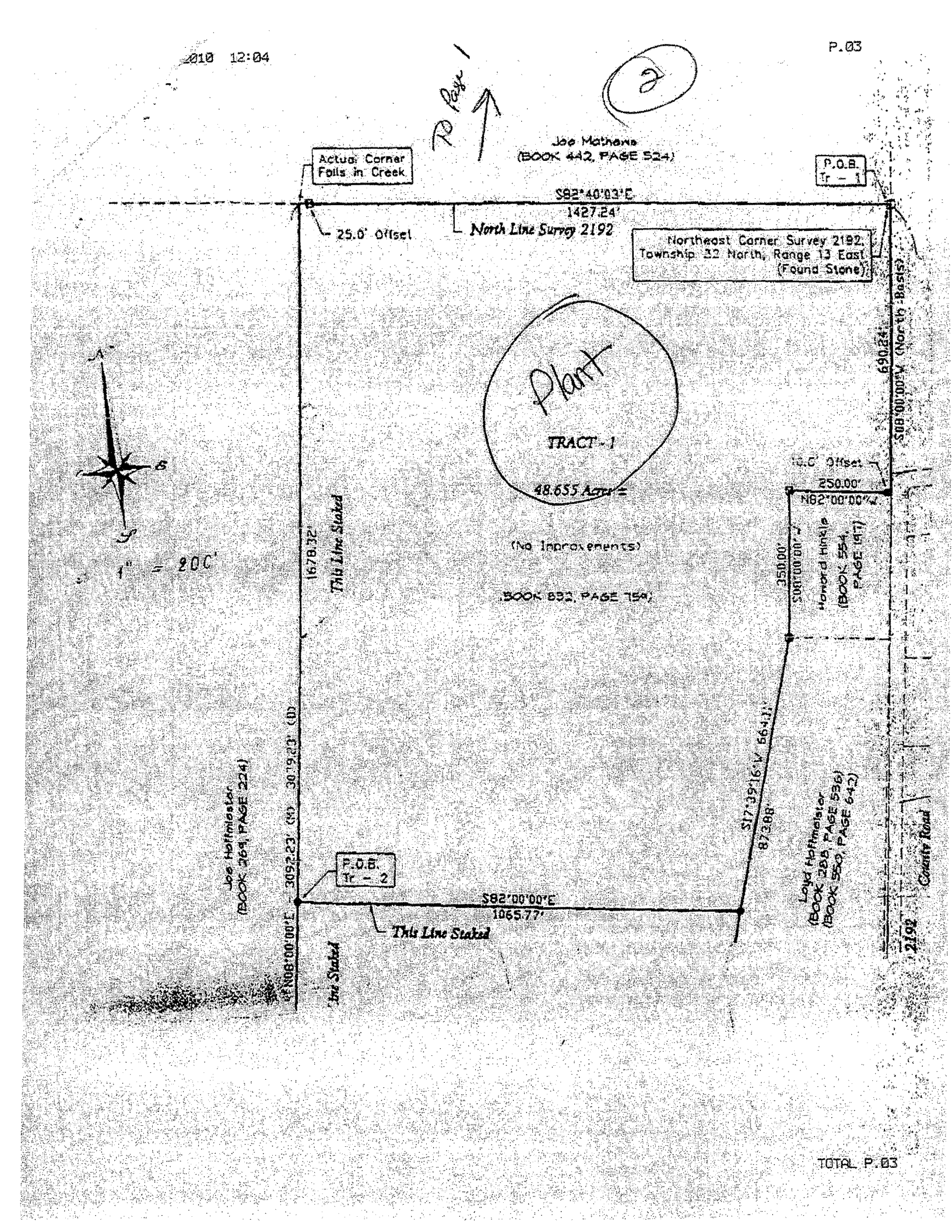
Chris Kelley @ Bowenengsurv.
con

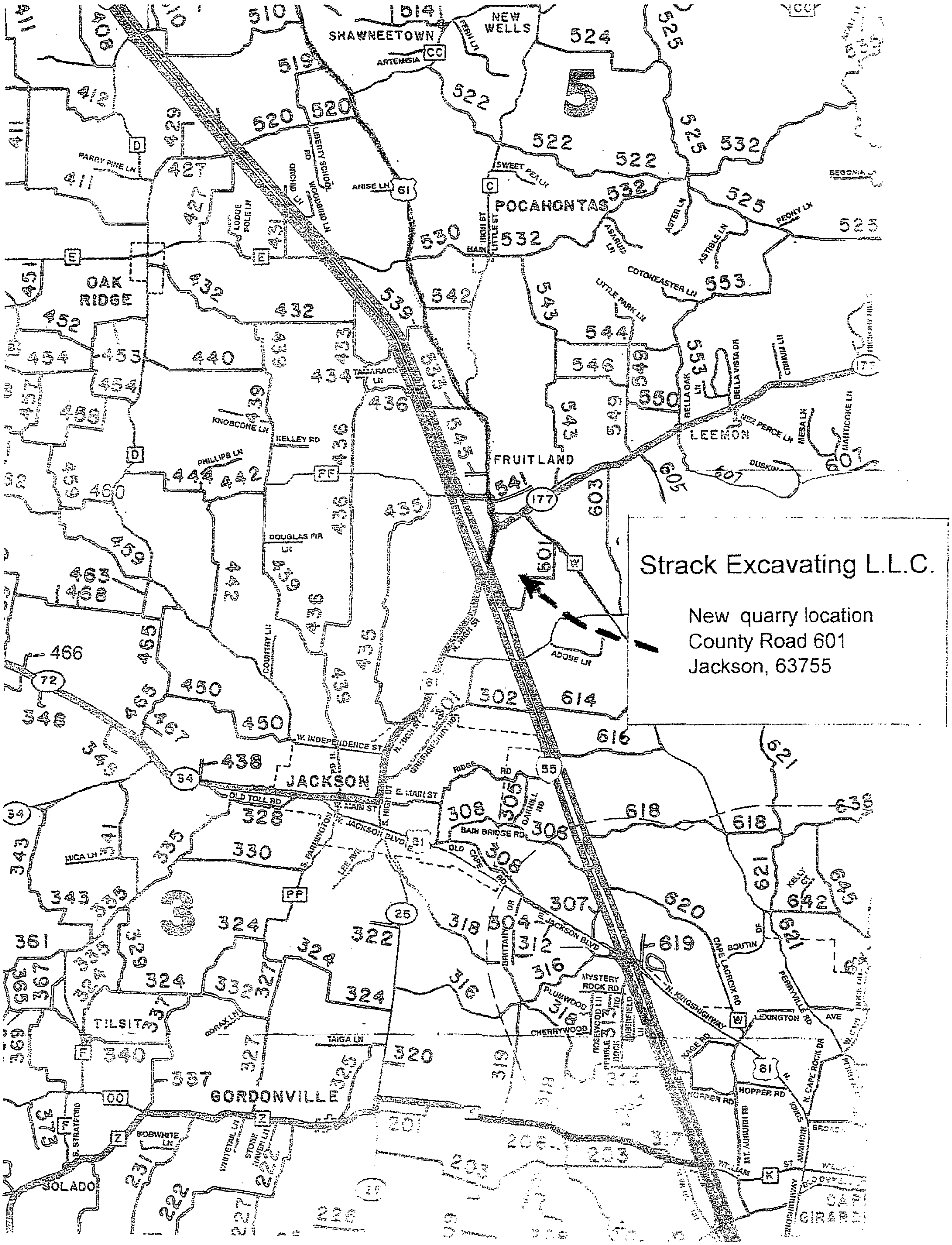
SURVEY FOR: JOE MATHEWS

(1)

PART OF SECTION 20, TOWNSHIP 32 NORTH, RANGE 13 EAST
OF THE FIFTH PRINCIPAL MERIDIAN,
CAPE GIRARDEAU COUNTY, MISSOURI




Plat 1
2
Joe Mathews
(BOOK 442, PAGE 524)
Actual Corner
Falls in Creek
P.O.B.
Tr - 1
S82°40'03"E
1427.24'
25.0' Offset
North Line Survey 2192
Northeast Corner Survey 2192,
Township 32 North, Range 13 East
(Found Stone)
S08°00'00"W (North Basis)
690.23'
Plat
TRACT - 1
48.655 Acres ±
(No Improvements)
BOOK 832, PAGE 754)
25.0' Offset
250.00'
N82°00'00"W
350.00'
S08°00'00"W
Howard Hinkle
(BOOK 554,
PAGE 197)
1678.32'
This Line Staked
Joe Hoffmeister
(BOOK 269, PAGE 224)
N08°00'00"E
3092.23' (M) 3019.23' (D)
P.O.B.
Tr - 2
S82°00'00"E
1065.77'
This Line Staked
This Line Staked
S17°39'16"W 564.11'
873.88'
Loyd Hoffmeister
(BOOK 288, PAGE 536)
(BOOK 550, PAGE 642)
County Road
219
1" = 200'


Strack Excavating L.L.C.
New quarry location
County Road 601
Jackson, 63755
SHAWNEETOWN
NEW WELLS
POCAHONTAS
OAK RIDGE
FRUITLAND
LEEMON
JACKSON
TILSIT
GORDONVILLE
OLD TOLL RD
BAIN BRIDGE RD

Form 2.0 Emission Point Information (duplicate this form as needed.)

INSTALLATION NAME (A.)	FIPS COUNTY NO. (B.)	PLANT NO. (C.)
STRACK EXCAVATING L.L.C.	031	

POINT IDENTIFICATION

POINT NO. (D.)	POINT DESCRIPTION (E.)		
EP-01	650 TPH Crusher		
SOURCE CLASSIFICATION CODE (SCC) (F.)	**MAKE (G.)**	**MODEL (H.)**	**YEAR (I.)**
3-05-020-01			

STACK / VENT PARAMETERS

STACK NO. (J.)	HEIGHT (FT) (K.)	DIAMETER (FT) (L.)
TEMPERATURE (F) (M.)	**VELOCITY (FT/MIN) (N.)**	**FLOW RATE (STANDARD CUBIC FT/MIN) (O.)**

OPERATING RATE / SCHEDULE

EXPECTED ANNUAL THROUGHPUT (P.)	UNITS (Q.)	MAXIMUM HOURLY DESIGN RATE (R.)	UNITS/HR (S.)
5,600,000	TPY	650	TPH
HOURS/DAY (T.)	**DAYS/WEEK**	**WEEKS/YEAR**	
24	7	52	

AIR POLLUTION CONTROLS

DEVICE NO. (U.)	CONTROL DEVICE DESCRIPTION (V.)	Control Device Destruction/Removal Efficiency % (W.) PM_{10} SO_x NO_x VOC CO HAPs					
	Water spray	85					

DEVICE NO.	DESCRIPTION OF COLLECTION/SUPPRESSION SYSTEM (X.)
	Water sprays at opening of crusher

CALCULATION SECTION (Y.)

POLLUTANT	EMISSION FACTOR	EMISSION FACTOR UNITS	OVERALL CONTROL EFFICIENCY	EMISSION RATE (LB/HR)	POTENTIAL EMISSIONS (TONS/YR)

Form 2.0 Emission Point Information (duplicate this form as needed.)

INSTALLATION NAME (A.)	FIPS COUNTY NO. (B.)	PLANT NO. (C.)
STRACK EXCAVATING L.L.C.	031	

POINT IDENTIFICATION

POINT NO. (D.)	POINT DESCRIPTION (E.)			
EP-02	TRIPLE DECK SCREEN (8' X 20')			
SOURCE CLASSIFICATION CODE (SCC) (F.)		MAKE (G.)	MODEL (H.)	YEAR (I.)
3-05-020-02, 03				

STACK / VENT PARAMETERS

STACK NO. (J.)	HEIGHT (FT) (K.)	DIAMETER (FT) (L.)
TEMPERATURE (F) (M.)	VELOCITY (FT/MIN) (N.)	FLOW RATE (STANDARD CUBIC FT/MIN) (O.)

OPERATING RATE / SCHEDULE

EXPECTED ANNUAL THROUGHPUT (P.)	UNITS (Q.)	MAXIMUM HOURLY DESIGN RATE (R.)	UNITS/HR (S.)
5,600,000	TPY	650	TPH
HOURS/DAY (T.)	DAYS/WEEK	WEEKS/YEAR	
24	7	52	

AIR POLLUTION CONTROLS

DEVICE NO. (U.)	CONTROL DEVICE DESCRIPTION (V.)	Control Device **Destruction/Removal** Efficiency % (w.) PM_{10} SO_x NO_x VOC CO HAPs					
	Water sprays	85					

DEVICE NO.	DESCRIPTION OF COLLECTION/SUPPRESSION SYSTEM (X.)
	Water sprayed into crusher being carried over to
	the screen.

CALCULATION SECTION (Y.)

POLLUTANT	EMISSION FACTOR	EMISSION FACTOR UNITS	OVERALL CONTROL EFFICIENCY	EMISSION RATE (LB/HR)	POTENTIAL EMISSIONS (TONS/YR)

Form 2.0 Emission Point Information (duplicate this form as needed.)

INSTALLATION NAME (A.)	FIPS COUNTY NO. (B.)	PLANT NO. (C.)
STRACK EXCAVATING L.L.C.	031	

POINT IDENTIFICATION

POINT NO. (D.)	POINT DESCRIPTION (E.)
EP-03	Crusher (secondary)

SOURCE CLASSIFICATION CODE (SCC) (F.)	MAKE (G.)	MODEL (H.)	YEAR (I.)
3-05-020-02			

STACK / VENT PARAMETERS

STACK NO. (J.)	HEIGHT (FT) (K.)	DIAMETER (FT) (L.)

TEMPERATURE (F) (M.)	VELOCITY (FT/MIN) (N.)	FLOW RATE (STANDARD CUBIC FT/MIN) (O.)

OPERATING RATE / SCHEDULE

EXPECTED ANNUAL THROUGHPUT (P.)	UNITS (Q.)	MAXIMUM HOURLY DESIGN RATE (R.)	UNITS/HR (S.)
3,400,000	TPY	400	TPH

HOURS/DAY (T.)	DAYS/WEEK	WEEKS/YEAR
24	7	52

AIR POLLUTION CONTROLS

DEVICE NO. (U.)	CONTROL DEVICE DESCRIPTION (V.)	Control Device **Destruction/Removal** Efficiency % (w.) PM_{10} SO_x NO_x VOC CO HAPs					
	Water spray	85					

DEVICE NO.	DESCRIPTION OF COLLECTION/SUPPRESSION SYSTEM (X.)
	Water spray at opening of crusher

CALCULATION SECTION (Y.)

POLLUTANT	EMISSION FACTOR	EMISSION FACTOR UNITS	OVERALL CONTROL EFFICIENCY	EMISSION RATE (LB/HR)	POTENTIAL EMISSIONS (TONS/YR)

Form 2.0 Emission Point Information (duplicate this form as needed.)

INSTALLATION NAME (A.)	FIPS COUNTY NO. (B.)	PLANT NO (C.)
STRACK EXCAVATING L.L.C.	031	

POINT IDENTIFICATION

POINT NO (D.)	POINT DESCRIPTION (E.)
EP04	TRIPLE DECK SCREEN (8' X 20')

SOURCE CLASSIFICATION CODE (SCC) (F.)	MAKE (G.)	MODEL (H.)	YEAR (I.)
3-05-020-02, 03			

STACK / VENT PARAMETERS

STACK NO. (J.)	HEIGHT (FT) (K.)	DIAMETER (FT) (L.)

TEMPERATURE (F) (M.)	VELOCITY (FT/MIN) (N.)	FLOW RATE (STANDARD CUBIC FT/MIN) (O.)

OPERATING RATE / SCHEDULE

EXPECTED ANNUAL THROUGHPUT (P.)	UNITS (Q.)	MAXIMUM HOURLY DESIGN RATE (R.)	UNITS/HR (S.)
3,400,000	TPY	400	TPH

HOURS/DAY (T.)	DAYS/WEEK	WEEKS/YEAR
24	7	52

AIR POLLUTION CONTROLS

DEVICE NO. (U.)	CONTROL DEVICE DESCRIPTION (V.)	Control Device **Destruction/Removal** Efficiency % (W.) PM_{10} SO_x NO_x VOC CO HAPs					
	Water sprays	85					

DEVICE NO.	DESCRIPTION OF COLLECTION/SUPPRESSION SYSTEM (X.)
	Water sprayed into crusher being carried over to
	the screen.

CALCULATION SECTION (Y.)

POLLUTANT	EMISSION FACTOR	EMISSION FACTOR UNITS	OVERALL CONTROL EFFICIENCY	EMISSION RATE (LB/HR)	POTENTIAL EMISSIONS (TONS/YR)

Form 2.0 Emission Point Information (duplicate this form as needed.)

INSTALLATION NAME (A.)	FIPS COUNTY NO. (B.)	PLANT NO. (C.)
STRACK EXCAVATING L.L.C.	031	

POINT IDENTIFICATION

POINT NO. (D.)	POINT DESCRIPTION (E.)		
EP-05	CONVEYORS AND STACKERS		
SOURCE CLASSIFICATION CODE (SCC) (F.)	MAKE (G.)	MODEL (H.)	YEAR (I.)
3-05-020-06			

STACK / VENT PARAMETERS

STACK NO. (J.)	HEIGHT (FT) (K.)	DIAMETER (FT) (L.)
TEMPERATURE (F) (M.)	VELOCITY (FT/MIN) (N.)	FLOW RATE (STANDARD CUBIC FT/MIN) (O.)

OPERATING RATE / SCHEDULE

EXPECTED ANNUAL THROUGHPUT (P.)	UNITS (Q.)	MAXIMUM HOURLY DESIGN RATE (R.)	UNITS/HR (S.)
5,600,000	TPY	650	TPH
HOURS/DAY (T.)	DAYS/WEEK	WEEKS/YEAR	
24	7	52	

AIR POLLUTION CONTROLS

DEVICE NO. (U.)	CONTROL DEVICE DESCRIPTION (V.)	Control Device **Destruction/Removal** Efficiency % (w.) PM_{10} SO_x NO_x VOC CO HAPs					
	Water spray	85					

DEVICE NO.	DESCRIPTION OF COLLECTION/SUPPRESSION SYSTEM (X.)
	Moisture carry-over from crusher spray and water
	sprayed onto the aggregate.

CALCULATION SECTION (Y.)

POLLUTANT	EMISSION FACTOR	EMISSION FACTOR UNITS	OVERALL CONTROL EFFICIENCY	EMISSION RATE (LB/HR)	POTENTIAL EMISSIONS (TONS/YR)

Form 2.0 Emission Point Information (duplicate this form as needed.)

INSTALLATION NAME (A.)	FIPS COUNTY NO. (B.)	PLANT NO. (C.)
STRACK EXCAVATING L.L.C.	031	

POINT IDENTIFICATION

POINT NO. (D.)	POINT DESCRIPTION (E.)		
EP-06	STORAGE PILES & AGGREGATE HANDLING		
SOURCE CLASSIFICATION CODE (SCC) (F.)	MAKE (G.)	MODEL (H.)	YEAR (I.)
3-05-020-31			

STACK / VENT PARAMETERS

STACK NO. (J.)	HEIGHT (FT) (K.)	DIAMETER (FT) (L.)
TEMPERATURE (F) (M.)	VELOCITY (FT/MIN) (N.)	FLOW RATE (STANDARD CUBIC FT/MIN) (O.)

OPERATING RATE / SCHEDULE

EXPECTED ANNUAL THROUGHPUT (P.)	UNITS (Q.)	MAXIMUM HOURLY DESIGN RATE (R.)	UNITS/HR (S.)
5,600,000	TPY	650	TPH
HOURS/DAY (T.)	DAYS/WEEK	WEEKS/YEAR	
24	7	52	

AIR POLLUTION CONTROLS

DEVICE NO. (U.)	CONTROL DEVICE DESCRIPTION (V.)	Control Device **Destruction/Removal** Efficiency % (w.) PM_{10} SO_x NO_x VOC CO HAPs					
	Water spray	85					

DEVICE NO.	DESCRIPTION OF COLLECTION/SUPPRESSION SYSTEM (X.)
	Moisture carry-over from crusher spray and water
	sprayed onto the aggregate

CALCULATION SECTION (Y.)

POLLUTANT	EMISSION FACTOR	EMISSION FACTOR UNITS	OVERALL CONTROL EFFICIENCY	EMISSION RATE (LB/HR)	POTENTIAL EMISSIONS (TONS/YR)

Form 2.0 Emission Point Information (duplicate this form as needed.)

INSTALLATION NAME (A.)	FIPS COUNTY NO. (B.)	PLANT NO. (C.)
STRACK EXCAVATING L.L.C,	031	

POINT IDENTIFICATION

POINT NO. (D.)	POINT DESCRIPTION (E.)
EP-07	HAUL ROADS

SOURCE CLASSIFICATION CODE (SCC) (F.)	MAKE (G.)	MODEL (H.)	YEAR (I.)

STACK / VENT PARAMETERS

STACK NO. (J.)	HEIGHT (FT) (K.)	DIAMETER (FT) (L.)

TEMPERATURE (F) (M.)	VELOCITY (FT/MIN) (N.)	FLOW RATE (STANDARD CUBIC FT/MIN) (O.)

OPERATING RATE / SCHEDULE

EXPECTED ANNUAL THROUGHPUT (P.)	UNITS (Q.)	MAXIMUM HOURLY DESIGN RATE (R.)	UNITS/HR (S.)
5,600,000	TPY	650	TPH

HOURS/DAY (T.)	DAYS/WEEK	WEEKS/YEAR
24	7	52

AIR POLLUTION CONTROLS

DEVICE NO. (U.)	CONTROL DEVICE DESCRIPTION (V.)	Control Device **Destruction/Removal** Efficiency % (w.) PM_{10} SO_x NO_x VOC CO HAPs					
	Gravel bed	30					
	Speed limit	80					
	Watering roadway	50					

DEVICE NO.	DESCRIPTION OF COLLECTION/SUPPRESSION SYSTEM (X.)
	Surface improvements will be made as needed.
	Speed limit will be enforced
	Water truck will be used when needed to abate dust

CALCULATION SECTION (Y.)

POLLUTANT	EMISSION FACTOR	EMISSION FACTOR UNITS	OVERALL CONTROL EFFICIENCY	EMISSION RATE (LB/HR)	POTENTIAL EMISSIONS (TONS/YR)

Form 2.7 Haul Road Fugitive Emission Information (duplicate this form as needed)

INSTALLATION NAME (A.)	FIPS COUNTY NO. (B.)	PLANT NO. (C.)
STRACK EXCAVATING L.L.C.	031	

HAUL ROAD INFORMATION

POINT NO. (D.)	SCC (E.)	SURFACE MATERIAL OF ROAD (F.)	LENGTH OF ROAD (MILES) (G.)	SILT CONTENT (%) (H.)
EP-07		STONE	0.11	8.3

TYPE OF DUST CONTROL (CHOOSE ONE)
☐ Surfectant Spray ☒ Water Spray ☒ Other (specify)
☐ Water Spray Documented ☐ No Controls

HAUL TRUCK INFORMATION

UNLOADED TRUCK WEIGHT (TONS) (J.)	AVERAGE WEIGHT OF MATERIAL PER LOAD (TONS) (K.)	AVERAGE LOADED TRUCK WEIGHT (TONS) (L.)
15	30	45

NUMBER OF WHEELS (M.)	AVERAGE TRUCK SPEED (MPH) (N.)
6	10

MATERIAL HAULED INFORMATION

TYPE OF MATERIAL(S) HAULED (O.)	ANNUAL AMOUNT HAULED (TONS) (P.)	MAXIMUM HOURLY AMOUNT HAULED (TONS) (Q.)
LIMESTONE	5,600,000	650

Comments:

Haul roads will be surface maintained, speed limited, and watered.

Form 2.8 Storage Pile Information (duplicate this form as needed.)

STORAGE PILE INFORMATION

POINT NO. (D.)	SCC (E.)	TYPE OF MATERIAL STORED (F.)	MOISTURE CONTENT (%) (G.)
EP-06		LIMESTONE	2.0

AREA OF STORAGE PILE (ACRES) (H.)	STORAGE DURATION (DAYS) (I.)	SILT CONTENT(%) (J.)
0.60	365	1.6

ANNUAL AMOUNT STORED (TONS) (K.)	MAXIMUM HOURLY AMOUNT STORED (L.)
120,000	650

RAW MATERIAL LOADING METHOD (CHOOSE ONE) (M.)
☐ Barge ☐ Rail ☐ Truck ☐ Conveyor ☒ Other (specify)LOADER

RAW MATERIAL UNLOADING METHOD (CHECK ONE) (N.)
☐ Barge ☐ Rail ☐ Truck ☐ Conveyor ☒ Other (specify)LOADER

Comments:

Form 2.0 Emission Point Information (duplicate this form as needed.)

INSTALLATION NAME (A.)	FIPS COUNTY NO. (B.)	PLANT NO. (C.)
STRACK EXCAVATING L.L.C.	031	

POINT IDENTIFICATION

POINT NO. (D.)	POINT DESCRIPTION (E.)			
EP08	DIESEL POWERED GENERATOR - 950 KW			
SOURCE CLASSIFICATION CODE (SCC) (F.)		MAKE (G.)	MODEL (H.)	YEAR (I.)
2-03-001-02				

STACK / VENT PARAMETERS

STACK NO. (J.)	HEIGHT (FT) (K.)	DIAMETER (FT) (L.)
TEMPERATURE (F) (M.)	VELOCITY (FT/MIN) (N.)	FLOW RATE (STANDARD CUBIC FT/MIN) (O.)

OPERATING RATE / SCHEDULE

EXPECTED ANNUAL THROUGHPUT (P.)	UNITS (Q.)	MAXIMUM HOURLY DESIGN RATE (R.)	UNITS/HR (S.)
115,000	GPY	13.5	GPH
HOURS/DAY (T.)	DAYS/WEEK	WEEKS/YEAR	
24	7	52	

AIR POLLUTION CONTROLS

DEVICE NO. (U.)	CONTROL DEVICE DESCRIPTION (V.)	Control Device **Destruction/Removal** Efficiency % (W.) PM_{10} SO_x NO_x VOC CO HAPs					
	Muffler on exhaust pipe						

DEVICE NO.	DESCRIPTION OF COLLECTION/SUPPRESSION SYSTEM (X.)
	Maintenance on the engine will reduce emissions

CALCULATION SECTION (Y.)

POLLUTANT	EMISSION FACTOR	EMISSION FACTOR UNITS	OVERALL CONTROL EFFICIENCY	EMISSION RATE (LB/HR)	POTENTIAL EMISSIONS (TONS/YR)

Form 2.1 Fuel Combustion Information (duplicate this form as needed.)

INSTALLATION NAME (A.)	FIPS COUNTY NO. (B.)	PLANT NO. (C.)
STRACK EXCAVATING L.L.C..	031	

COMBUSTION EQUIPMENT INFORMATION

POINT NO (D.)	SCC (E.)
EP-08	

(F.) EQUIPMENT DESCRIPTION (MAKE/MODEL)	(G.) YEAR PUT IN SERVICE	(H.) MAXIMUM DESIGN RATE (MILLION BTU/HR)
950 KW DIESEL GENERATOR		
Sum of Total Maximum Hourly Design Rates		

FUEL INFORMATION

(I.) FUEL TYPE

Oil	Gas	Coal	Other
☒ Distillate (Fuel Oil 1-4)	☐ Natural Gas	☐ Anthracite	☐ Refuse
☐ Residual Fuel Oil (5-6)	☐ LPG/Propane	☐ Bituminous	☐ Trade Wastes
☐ Waste Oil		☐ Lignite	☐ Other (specify)

FUEL (J.)	ANNUAL THROUGHPUT (K.)	UNITS (L.)	% SULFUR BY WEIGHT (M.)	% ASH BY WEIGHT (N.)
Low sulfur	115,000	GPY	0.041	
FUEL TOTALS AND WEIGHTED AVERAGES				

Comments: